

**MA002**  
**Unit 4 Assessment**  
**Quiz 11a: Section 4.2**  
**Answer Key**

1.

$y = 0.5(3)^x$    Letter E

$y = 3(0.5)^x$    Letter C

$y = 2(0.5)^x$    Letter B

$y = 0.5(2)^x$    Letter F

$y = 2(0.8)^x$    Letter A

$y = 3(2)^x$    Letter D

2.  $f(x) = 2(4)^x$

3.  $t = 22.32$